

**P-517**

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## **ESC-609**

### **Global Environmental Issues-II**

M.Sc. Environmental Science (MSCES)

4th Semester Examination, 2023 (June)

**Time : 2 Hours]**

**[Max. Marks : 35**

**Note :** This paper is of Thirty Five (35) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein. Candidates should limit their answer to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

### **SECTION-A**

#### **(Long Answer Type Questions)**

**Note :** Section 'A' contains Five (05) long answer type questions of Nine and Half (9½) marks each. Learners are required to answer any Two (02) questions only.  
(2×9½=19)

1. Write an extended note on acid rain.

2. Discuss the control measures for acid rain and also discuss green solutions.
3. Define disaster. Explain nuclear disasters and their impacts in detail.
4. Discuss Control measures for nuclear disasters and also discuss green technologies for nuclear energy.
5. What is globalization? Discuss the concept of globalization. Also discuss the consequences of globalization on environment in detail.

## **SECTION-B**

### **(Short Answer Type Questions)**

**Note :** Section 'B' contains Eight (08) short answer type questions of Four (04) marks each. Learners are required to answer any Four (04) questions only. (4×4=16)

1. Discuss the mechanism of acid rain in brief.
2. Briefly discuss Chernobyl nuclear disaster.
3. Discuss the biological effects of ionizing radiation.
4. What is fusion power? Discuss its advantages.

5. Write a brief note on impact of globalization on food security.
  6. Briefly discuss the indicators of sustainability.
  7. Briefly discuss sustainability in terms of agriculture, biodiversity and forests.
  8. Write a brief note on- conservation and preservation.
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